

09507500 FOSSIL CREEK DIVERSIONS TO CHILDS POWERPLANT, NEAR CAMP VERDE, AZ

LOCATION.--Lat 34°22'06", long 111°39'56", in NE1/4SW1/4 sec. 20, T.11 N., R.7 E. (unsurveyed), Yavapai County, Hydrologic Unit 15060203, at head of Stehr Lake, 2.3 mi northeast of Childs powerplant, 4.4 mi by flume downstream from Irving powerplant, and 17 mi southeast of Camp Verde.

PERIOD OF RECORD.--Jan. 1952 to Dec. 31, 2004 (discontinued).

GAGE.--Water-stage recorder and weir in concrete flume. Datum of gage is 3,716.2 ft above sea level.

REMARKS.--No estimated daily discharge. Records good. Record is obtained at the head of Stehr Lake, a regulatory basin, and shows the water used by Childs powerplant. Most of the flow originates at Fossil Springs, which are fairly constant. Diversion is made from Fossil Creek 8 mi upstream from this station and is first used by Irving powerplant. A second diversion from Fossil Creek enters the flume below Irving powerplant. Based on estimates and records for previous years, the flow through the Irving powerplant is estimated to be about 99 percent of the record published herewith.

EXTREMES FOR PERIOD OF RECORD.--Maximum daily discharge, 58 ft³/s Aug. 1 and 2, 1982; no flow at times in most years.

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	35	26	35	---	---	---	---	---	---	---	---	---
2	35	29	35	---	---	---	---	---	---	---	---	---
3	35	35	35	---	---	---	---	---	---	---	---	---
4	35	35	36	---	---	---	---	---	---	---	---	---
5	34	35	35	---	---	---	---	---	---	---	---	---
6	33	35	36	---	---	---	---	---	---	---	---	---
7	34	36	36	---	---	---	---	---	---	---	---	---
8	34	36	36	---	---	---	---	---	---	---	---	---
9	34	32	36	---	---	---	---	---	---	---	---	---
10	33	36	36	---	---	---	---	---	---	---	---	---
11	34	36	36	---	---	---	---	---	---	---	---	---
12	35	36	36	---	---	---	---	---	---	---	---	---
13	34	36	36	---	---	---	---	---	---	---	---	---
14	34	36	36	---	---	---	---	---	---	---	---	---
15	35	36	36	---	---	---	---	---	---	---	---	---
16	35	36	36	---	---	---	---	---	---	---	---	---
17	35	36	36	---	---	---	---	---	---	---	---	---
18	35	36	36	---	---	---	---	---	---	---	---	---
19	35	36	36	---	---	---	---	---	---	---	---	---
20	35	36	36	---	---	---	---	---	---	---	---	---
21	34	35	36	---	---	---	---	---	---	---	---	---
22	26	34	36	---	---	---	---	---	---	---	---	---
23	36	33	36	---	---	---	---	---	---	---	---	---
24	36	34	36	---	---	---	---	---	---	---	---	---
25	36	35	36	---	---	---	---	---	---	---	---	---
26	36	34	36	---	---	---	---	---	---	---	---	---
27	36	35	36	---	---	---	---	---	---	---	---	---
28	35	35	36	---	---	---	---	---	---	---	---	---
29	33	35	32	---	---	---	---	---	---	---	---	---
30	33	35	33	---	---	---	---	---	---	---	---	---
31	29	---	31	---	---	---	---	---	---	---	---	---
TOTAL	1059	1040	1100	---	---	---	---	---	---	---	---	---
MEAN	34.2	34.7	35.5	---	---	---	---	---	---	---	---	---
MAX	36	36	36	---	---	---	---	---	---	---	---	---
MIN	26	26	31	---	---	---	---	---	---	---	---	---
MED	35	35	36	---	---	---	---	---	---	---	---	---
AC-FT	2100	2060	2180	---	---	---	---	---	---	---	---	---

CAL YR 2004 TOTAL 13304.88 MEAN 36.4 MAX 39 MIN 0.44 MED 37 AC-FT 26390